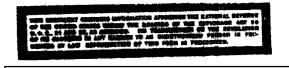
	Approved For Release 2003/12/04 : CIA-RDP80-0081		25X1A 25X1	
- ·	CENTRAL INTELLIGENCE AGENCY	REPORT NO.		│ 25X1
	INFORMATION REPORT	CD NO.		
COUNTRY	East Germany	DATE DISTR.	21 April	1953
SUBJECT 25X1C	RFT Funkwerk Koepenick Development of Ultrasonic Echo-Sounding	NO. OF PAGES	2	
20/(10	Depth Devices	NO. OF ENCLS.		25X1A
		SUPPLEMENT TO REPORT NO.		

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THIS IS UNEVALUATED INFORMATION

- 1. Dr. Heinrich Weber of the TEM department (Technis he Entwicklung, Messgeraete) of Funkwerk Koepenick, Wendenschlossstrasse 151-158, Berlin-Koepenick, is in charge of the development of ultra-sonic echo-sounding devices. His chief assistant was (fnu) Reinhard who defected to West Germany at the end of February 1953. Reinhard was replaced by (fnu) Paesler, who is considered a third-rate man in the field.
- 2. Development of ullica-sonic echo-sounding equipment by the Weber-Reinhard, group was based on previous development done in the same field by Gema. It is a reliable instrument only at greater depths. Less than 50 of the development of the sonic proposed to be constructed during 1953 and sold to hast German as well as Russian customers.
- Another ultra-senic econs-sounding device, the so-called Flachlot or Flach-echolot is under nevelopment in the TEQ department (Technische Entwicklung, Quartz). This is a device to test material, mainly metals and liquids. Dr. Rudolf Kaiser is in charge of the development; development of the Flachlot is not yet completed. Experiments are being made with quartz oscillators for high frequencies instead of with the nickel oscillators previously used. The frequency range is from 2 to 7 mcs. It was planned to develop the Flachlot into an underwater echo-sounding device for lesser depths under the supervision of Echnhard; his defection has at least temporarily stopped this plan.
- Its There are plans for further development of the Echolot into an underwater echo-sounding harmon to make device (Hafeneinfahrtsgeraet) through a considerable increase of the escillation frequency. Propert plans call

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for a device of this kind with coverage in all rections. Development will be entrusted to Dr. Keiser or will be carried out cutside of Funkwerk Koepenick. It will be placed under the supervision of the Buero fuer Wirtschaftsfragen when it is approved as a development project. So far Funkwerk Koepenick has not obtained the approval.

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Comment. Gema, a Russian organization of German technical personnel, was established after 1945 in the premises now occupied by Funkwerk Koepenick.